

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

BRODERSEN SAND & GRAVEL

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
sand & gravel in the state of Missouri. The extent of the

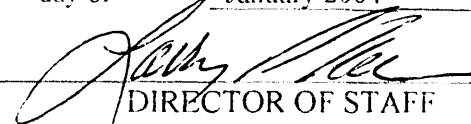
Proposed mining operation(s) will be on three acres, more or less.

The locations of the operation(s) under this permit is/are as follows: **Renewal**

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Morgan	12, 13, 24	44N	19W	2	0	2	Gabriel Creek	0583
Morgan	17	44N	18W	1	0	1	Richland Creek	1219

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo, 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 13th day of January 2004



DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0602
Effective Date 02/16/2004
Expiration Date 02/15/2005

MO 780-1122 (6-95)

RECEIVED

JAN 7 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND RECLAMATION COMMISSION
Box 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <i>Brodeur Land + Travel</i>		DATE <i>1-1-04</i>	
ADDRESS <i>7672 Hwy. 135</i>	CITY <i>Florence</i>	STATE <i>mo</i>	ZIP CODE <i>65329</i>
CONTACT PERSON <i>Jerry Brodeur</i>		TELEPHONE NUMBER <i>660-368-2873</i>	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$

2. Acreage Fee \$5 X _____ number of acres bonded\$

3. Annual Permit Fee.....\$ 500

4. Total Fee (Add totals from 1, 2 and 3).....\$

NOTE: If Total Fee exceeds \$2,500.00 then pay only\$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee.....\$ 300

SIGNATURE OF APPLICANT <i>Jerry Brodeur</i>	TITLE <i>owner</i>	DATE <i>1-1-04</i>
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Appeared before me this *5th* day of *January*, 20*04*,
to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEER SEAL BRENDA K. FISCHER Notary Public - State of Missouri County of Morgan My Commission Exp. 09/10/2005	STATE OF <i>Missouri</i> SUBSCRIBED AND SWORN BEFORE ME, THIS <i>5th</i> DAY OF <i>January</i> YEAR <i>2004</i> NOTARY PUBLIC SIGNATURE <i>Brenda K. Fischer</i> NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Brenda K. Fischer</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Morgan</i> USE RUBBER STAMP IN CLEAR AREA BELOW. BRENDA K. FISCHER Notary Public - State of Missouri County of Morgan My Commission Expires Sep. 10, 2005
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FOR DEPARTMENT USE ONLY APPROVED BY <i>Darryl Reitz</i>	DATE APPROVED <i>01/08/04</i>	PERMIT NUMBER <i>0602</i>	EXPIRATION DATE <i>02/15/2005</i>
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MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

To be completed for each separate area of disturbance associated with mining operations.			
SITE NAME OR NUMBER <i>Richland Creek</i>		PERMIT NUMBER <i>#602</i>	
COMPANY NAME <i>Brodeur & Son</i>			
COUNTY <i>Morgan</i>	1/4 SECTION	SECTION <i>17</i>	
TOWNSHIP <i>T 44</i>	RANGE <i>R 18</i>	ACRES <i>one</i>	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) <i>Richland Creek</i>			
MINERAL COMMODITY <i>Sand & Gravel</i>		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) <i>15000</i>	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) <i>Kenneth Schroder</i>			
ADDRESS <i>7607 Hwy BB</i>			
CITY <i>Florence</i>	STATE <i>MO</i>	ZIP CODE <i>65329</i>	
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT	DATE OF AGREEMENT <i>5-3-00</i>

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <i>Same as above</i>			
ADDRESS			
CITY	STATE	ZIP CODE	
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT	DATE OF AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3

(Required for in-stream sites, or as required by the Director)

RECEIVED
MAY 10 2000

MISSOURI LAND

RECLAMATION COMMISSION

TYPE OF PLAN
(CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE:

Company Name: Brodersen S & C

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

*The Mini Plan involves 1/4 mile stretch of Richland Creek
Section 17 See Map # 3 One side of creek is bordered by
trees. The other side is agricultural. Water is forced in to the
agricultural side as creek is full of gravel. Water is good.*

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

*Gravel will be removed so that water is not
redirected toward the banks.*

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.

*Most of the time gravel will be removed from creek
~~to minimize the in stream work.~~ If screening
is done at creek it will be done on gravel bar away from flowing
water.*

Missouri Department of Natural Resources
Land Reclamation Commission
Perry County
Permit No. 0602
Commission Expires: Oct. 21, 2003

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

Gravel removal will be restricted to low flowing water. However this is a big bar of gravel and I should be able to stay out of water. Junk will cross creek in riffle or shallow water.

By my signature, I attest to the following:

- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT ▶ <i>Gary Brodersen</i>		TITLE <i>owner</i>	DATE <i>5-8-00</i>
Appeared before me this <i>8th</i> day of <i>May</i> , <i>2000</i> . <i>Gary Brodersen</i> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Pettis</i>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>8th</i> DAY OF <i>May</i> , <i>2000</i>		USE RUBBER STAMP IN CLEAR AREA BELOW
	NOTARY PUBLIC SIGNATURE <i>Sheryl R. Heisterberg</i>	MY COMMISSION EXPIRES <i>10-27-03</i>	
NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Sheryl R. Heisterberg</i>		Sheryl R. Heisterberg Notary Public - Notary Seal STATE OF MISSOURI Pettis County My Commission Expires: Oct. 27, 2003	
APPROVED BY (DIRECTOR'S REPRESENTATIVE) ▶ <i>Larry Hopkins</i>		TITLE <i>LRS III</i>	DATE APPROVED <i>07/06/2000</i>



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER <i>Gabriel Creek</i>		PERMIT NUMBER <i># 602</i>
COMPANY NAME <i>Brodersen Sand & Gravel</i>		
COUNTY <i>Morgan</i>	1/4 SECTION	SECTION <i>12-13-24</i>
TOWNSHIP <i>T 44 N</i>	RANGE <i>R 19 W</i>	ACRES <i>Two</i>
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) <i>Gabriel Creek</i>		
MINERAL COMMODITY <i>Sand + Gravel</i>		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) <i>15000 Ton</i>

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE)				
<i>Donald Eldenburg</i>	<i>Jerry Stapley</i>	<i>Jr Abbott</i>	<i>Kenneth Schroder</i>	<i>Lester Dittmer</i>
ADDRESS <i>1425 Maplewood N. Rd</i>	<i>8176 Chester Dr.</i>	<i>R-1 Box 20</i>	<i>7607 Hwy 88</i>	<i>5511 Beachpark Rd</i>
CITY <i>Bedalia MO 65301</i>	<i>Florence MO. 65329</i>	STATE <i>Stoner, Mo. 65078</i>	ZIP CODE <i>Florence MO 65329</i>	<i>Smickton MO 65350</i>
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT				DATE OF AGREEMENT

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <i>Same as above</i>		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input checked="" type="checkbox"/> OTHER (DESCRIBE): <input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT
NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.		



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION

PERMIT APPLICATION FOR INDUSTRIAL MINERAL MINES AND LAND RECLAMATION COMMISSION

RECEIVED
JAN 26 2000

P.O. BOX 176
JEFFERSON CITY, MO 65102

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <i>Brodersen Sand & Gravel</i>		DATE <i>1-23-2000</i>	
ADDRESS <i>7672 Hwy 135</i>		CITY <i>Florence</i>	STATE <i>Mo</i>
CONTACT PERSON <i>Mary Brodersen</i>		ZIP CODE <i>65329</i>	
Check any that apply: <input type="checkbox"/> New Permit <input checked="" type="checkbox"/> Permit Renewal <input type="checkbox"/> Permit Amendment <input type="checkbox"/> Permit Revision <input checked="" type="checkbox"/> Permit Expansion		TELEPHONE NUMBER <i>(460) 368-2873</i>	

SITE NAME OR NUMBER	ACRES TO BE PERMITTED		TOTAL ACRES FOR ALL SITES
	INSTREAM	ALL OTHER	
<i>Permit # 602</i> <i>Gabriel Creek</i>	<i>Two</i>		<i>Two</i>

Fees - Complete A or B

A - For sand and gravel operators mining less than 5,000 tons/year
 Permit Fee \$100.00
 Number of new acres X \$35.00/acre \$ *100.00*
 B - For ALL other operations
 Permit Fee \$350.00
 Number of sites X \$40.00/site \$
 Number of new acres *1* X \$35.00/acre \$ *35.00*
 Total fees \$ *135.00*

Bonding for all acreage EXCEPT instream - Complete A or B

A - For sand and gravel operators mining less than 5,000 tons/year
 Number of new acres X \$500.00/acre ... \$
 B - For ALL other open pit operations
 Minimum per permit \$ 8,000.00
 Acreage over 8 acres X \$500.00/acre \$
 Number of new acres where topsoil will be sold
 or discarded X \$4,500.00/acre \$
 Total bonding required \$
☐ Check here if adequate bonding is already posted.

List all other Land Reclamation Commission permits previously or currently held by applicant or by companies owned or partially controlled by applicant. If none, write "none" below.

NAME OF COMPANY	PERMIT NUMBER	MINERAL COMMODITY	YEARS

For any of the above which have been served Cessation of Operations or Bond Forfeiture, or have unabated Notices of Violation, please give:

PERMIT NUMBER	TYPE OF ACTION

I certify that all statements made on this application are correct, complete, and true, to the best of my knowledge.

SIGNATURE OF APPLICANT <i>Mary Brodersen</i>	TITLE <i>Owner</i>	DATE <i>1-23-2000</i>
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Appeared before me this *24th* day of *January*, *2000*, *Mary Brodersen* to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEMENT SEAL	STATE <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS)
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>24th</i> DAY OF <i>January</i> , <i>2000</i>	
	NOTARY PUBLIC SIGNATURE <i>Ruth A. Oswald</i>	MY COMMISSION EXPIRES <i>9-17-2000</i>
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Ruth A. Oswald</i>	

USE RUBBER STAMP IN CLEAR AREA BELOW
RUTH A. OSWALD
NOTARY PUBLIC--NOTARY SEAL
STATE OF MISSOURI
MORGAN COUNTY
MY COMMISSION EXPIRES SEPT. 17, 2000

APPROVED BY DIRECTOR'S REPRESENTATIVE <i>Gary Dept</i>	DATE APPROVED <i>03/08/00</i>	PERMIT NUMBER <i>0602</i>	EXPIRATION DATE <i>02/15/2001</i>
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STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3

(Required for in-stream sites, or as required by the Director)

TYPE OF PLAN
(CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 2015 Company Name: Brodersen S&G

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

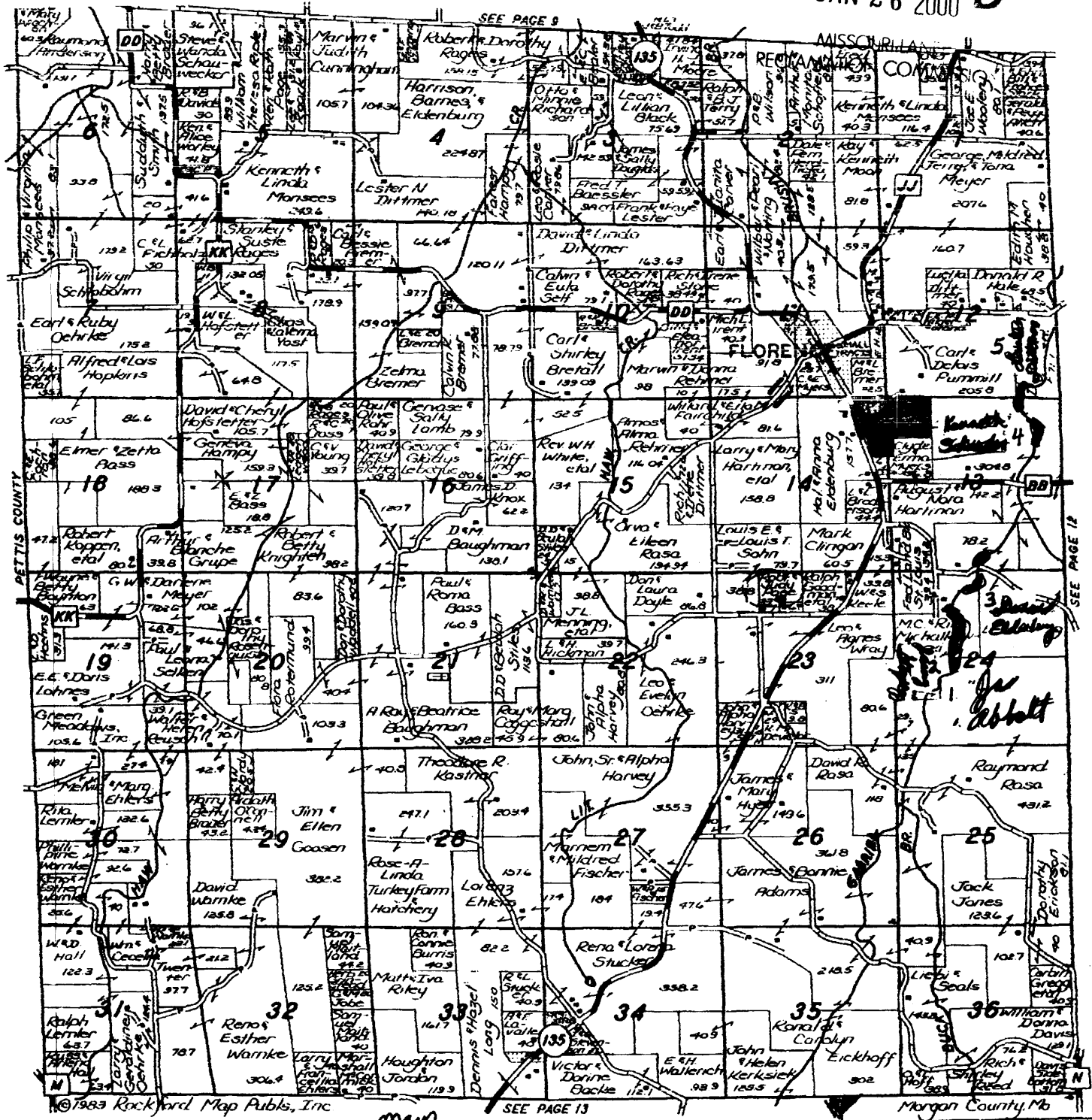
The mine plan involves one mile stretch of Gabriel Creek, Sections 12-13 + 24 See map #1. Some parts of this creek are bordered by trees on both sides. Some parts are agricultural on both sides. Banks are steep where gravel bars force water out of original creek channel. Water is good.

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

In stream gravel will be removed so that water is not redirected toward the stream banks

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.

Remove gravel from the creek before screening or washing to minimize the in stream work. Truck and loader is all that is in creek. All screening + etc. is "done" one mile or more from creek..



map

Habitat
Creek

Jr. Abbott 1/2
ave 1/4 Donald Eldenburg
Jerry Stepley 1/2
ave 1/4 Kenneth Schroder
ave 1/2 Lester Dittmer

MISSOURI LAND SURVEY COMPANY

109 North Monroe - Versailles, Missouri 65084

DAVID E. SLAGLE

Registered Missouri Land Surveyor #1398

Phone: (314) 378-4562 • Home Phone: (314) 378-5895



Kenneth Schroder

T 44 R 18 Section

Richland Creek

By: Gary Brodersen Map # 3

05/04/00

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MAY 10 2000
MISSOURI LAND
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3

4

5

7

R 19/18

KS Kenneth Schroder

LD Lester Dittmer



DE

6.7

9
1.8

DE Donald Eldenburg
JS Jerry Stapley
JA Junior Abbott

628
1463

B

